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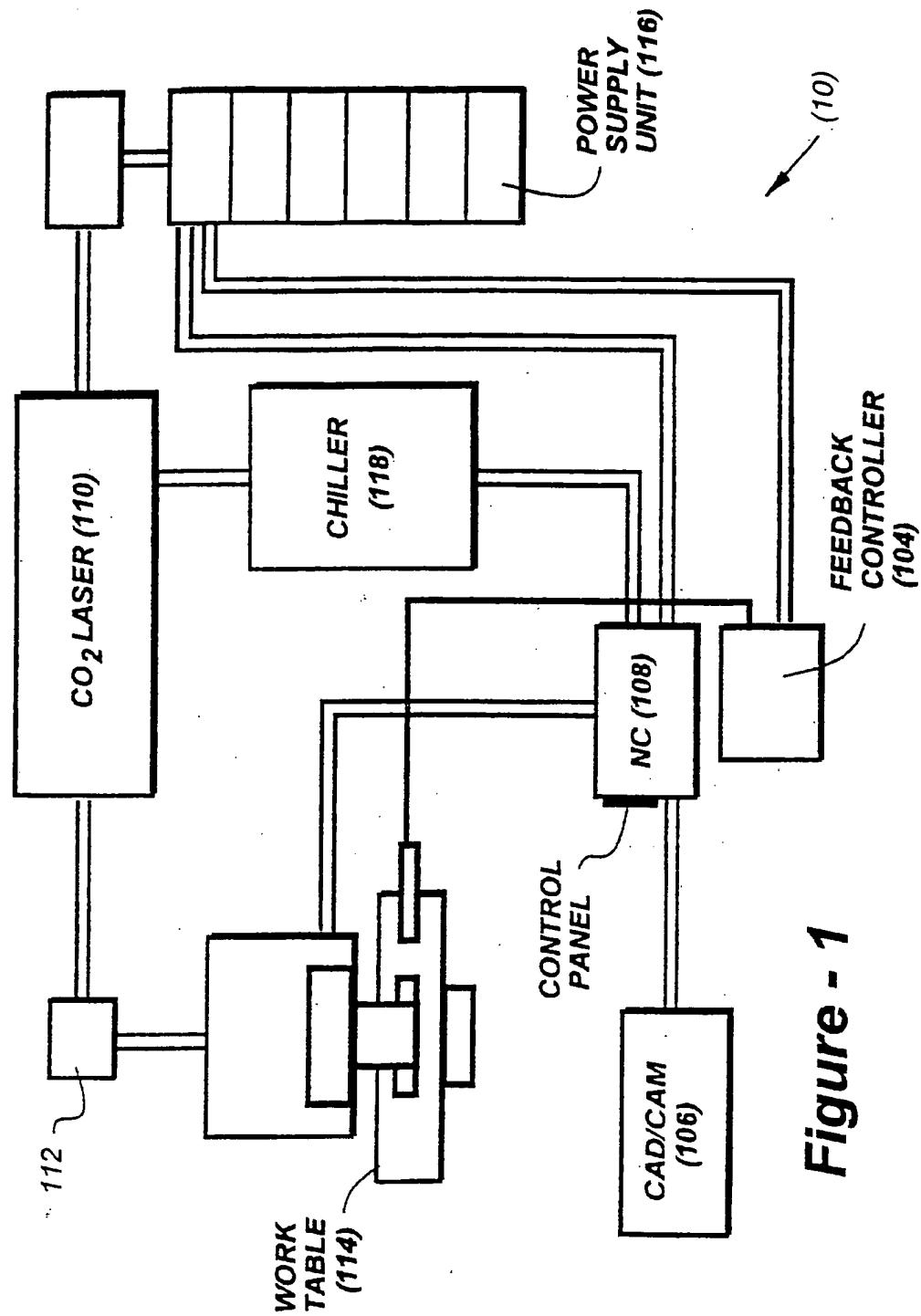
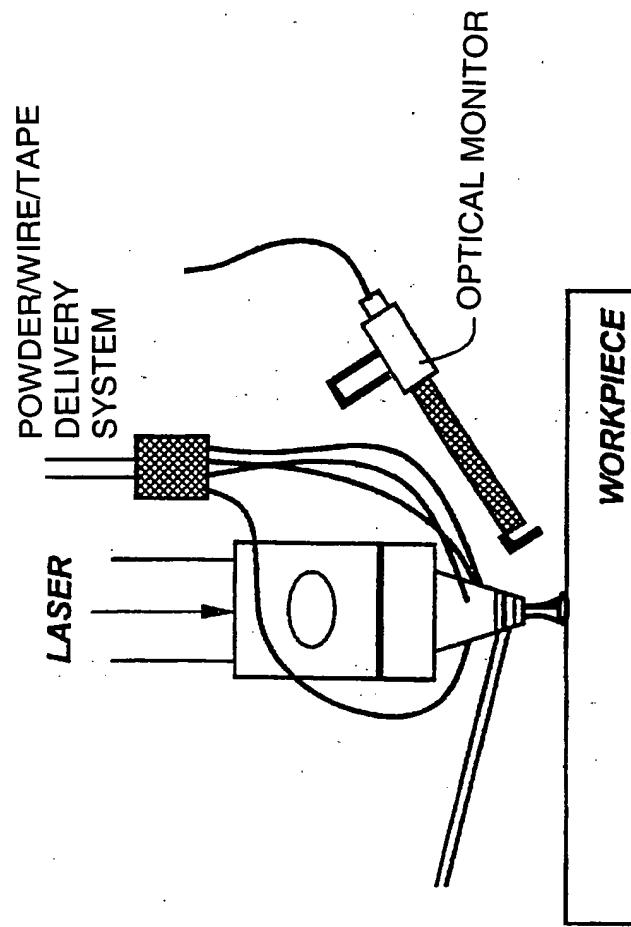


Figure - 1



Figure - 2



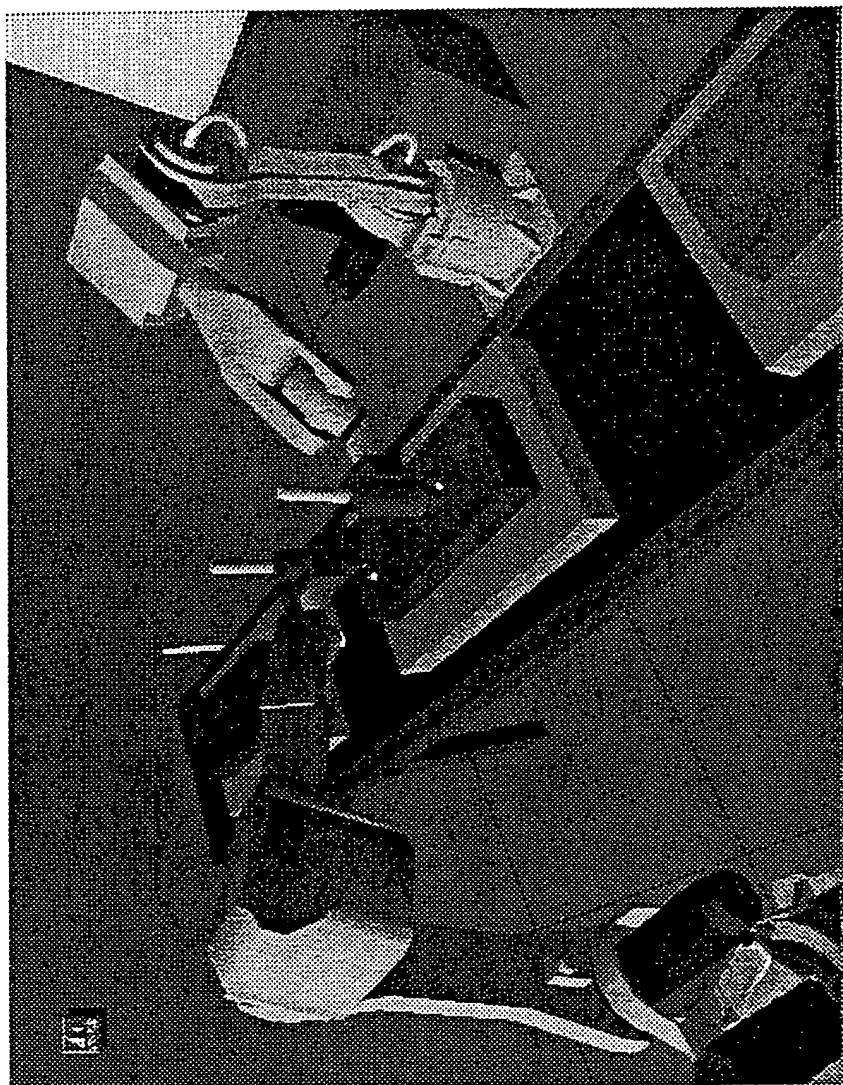


FIGURE 3

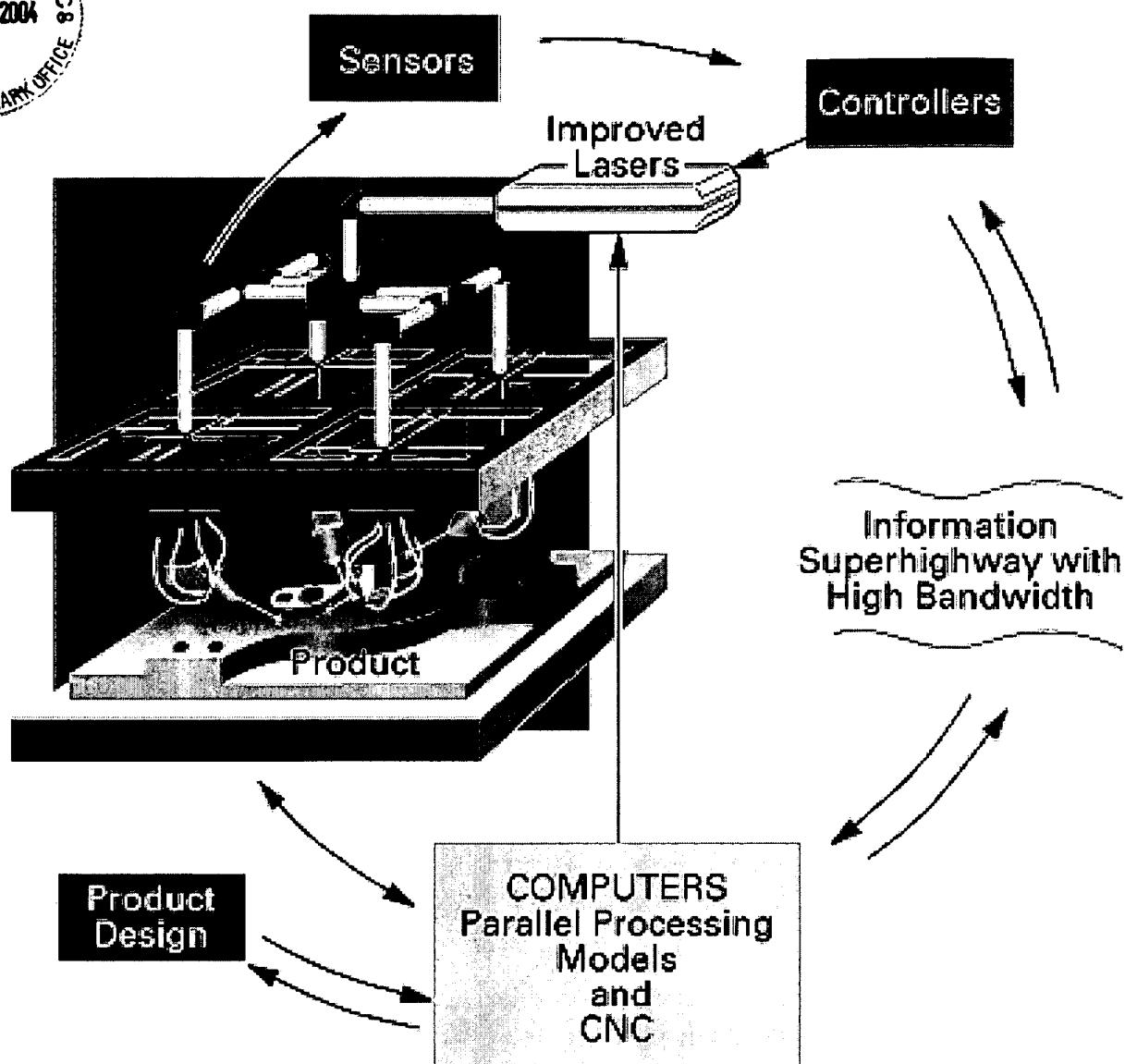


FIGURE 4

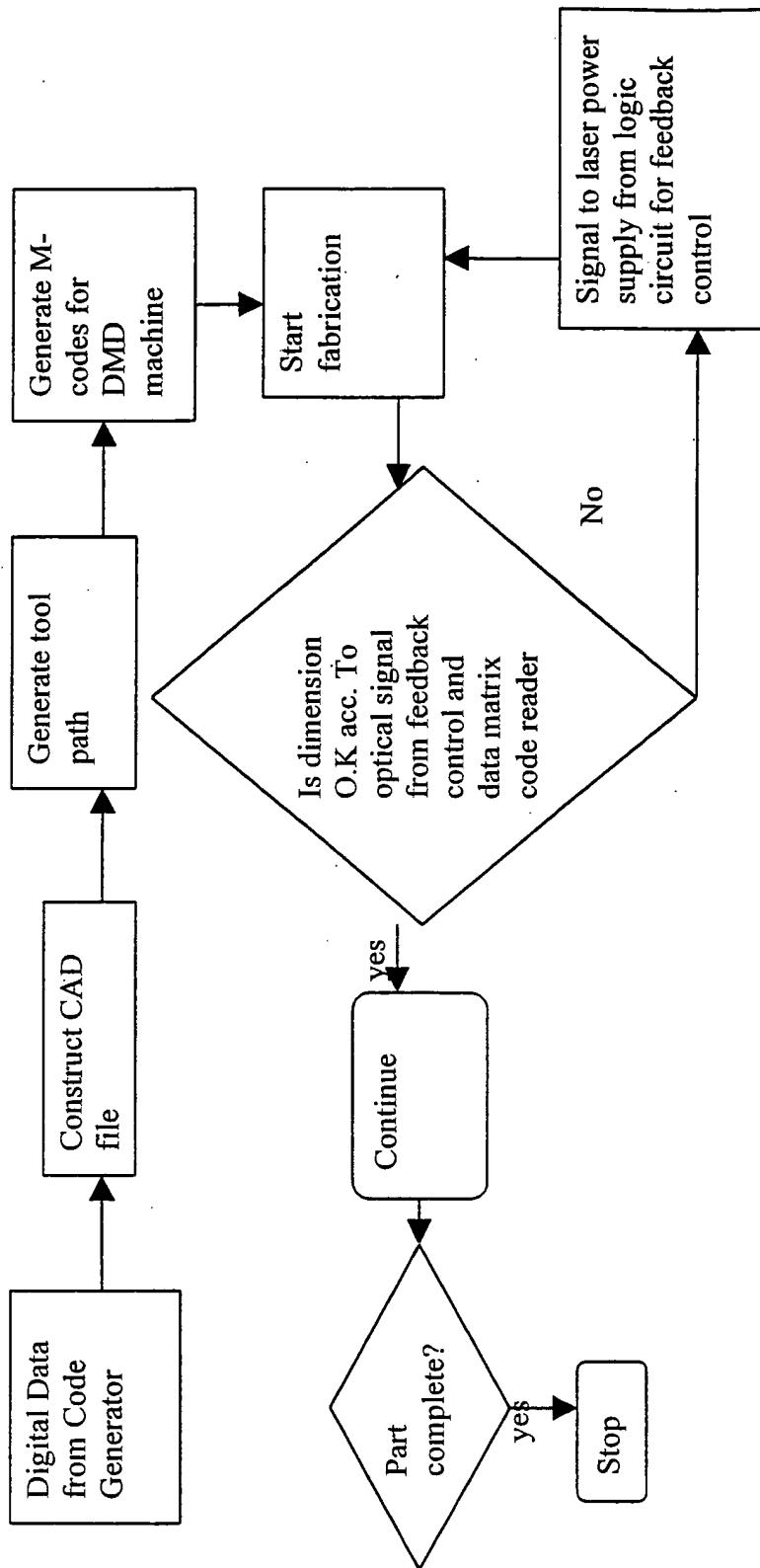


FIGURE 5

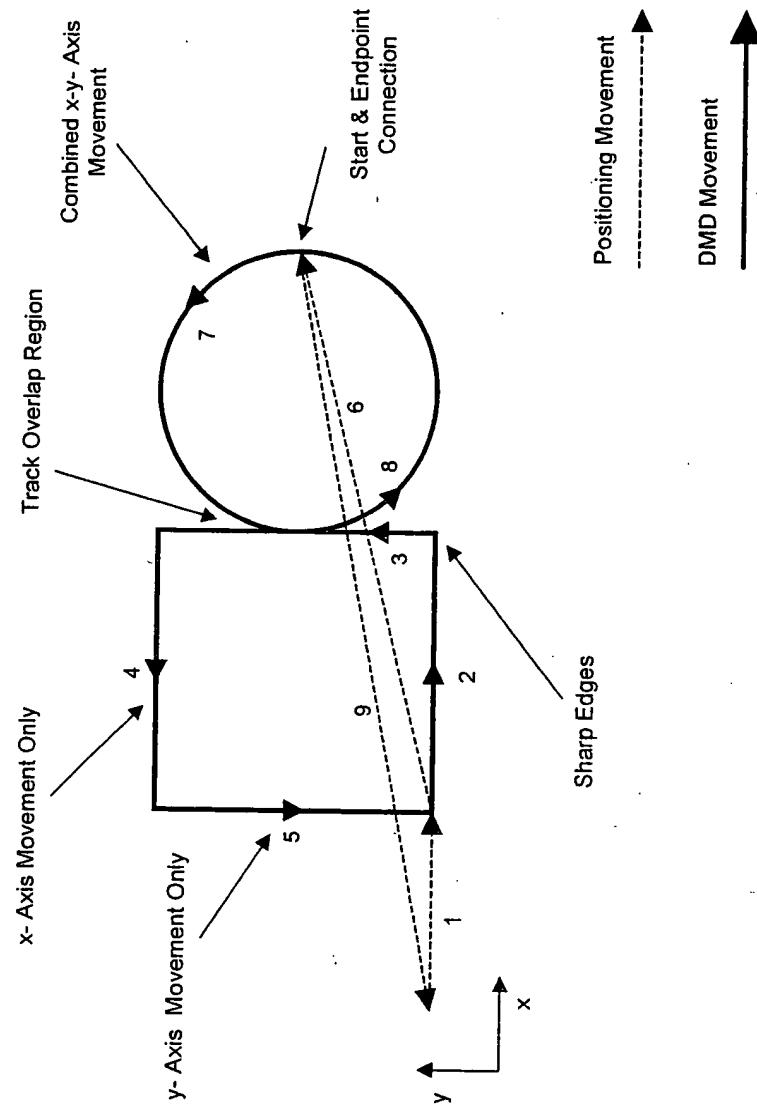


FIGURE 6

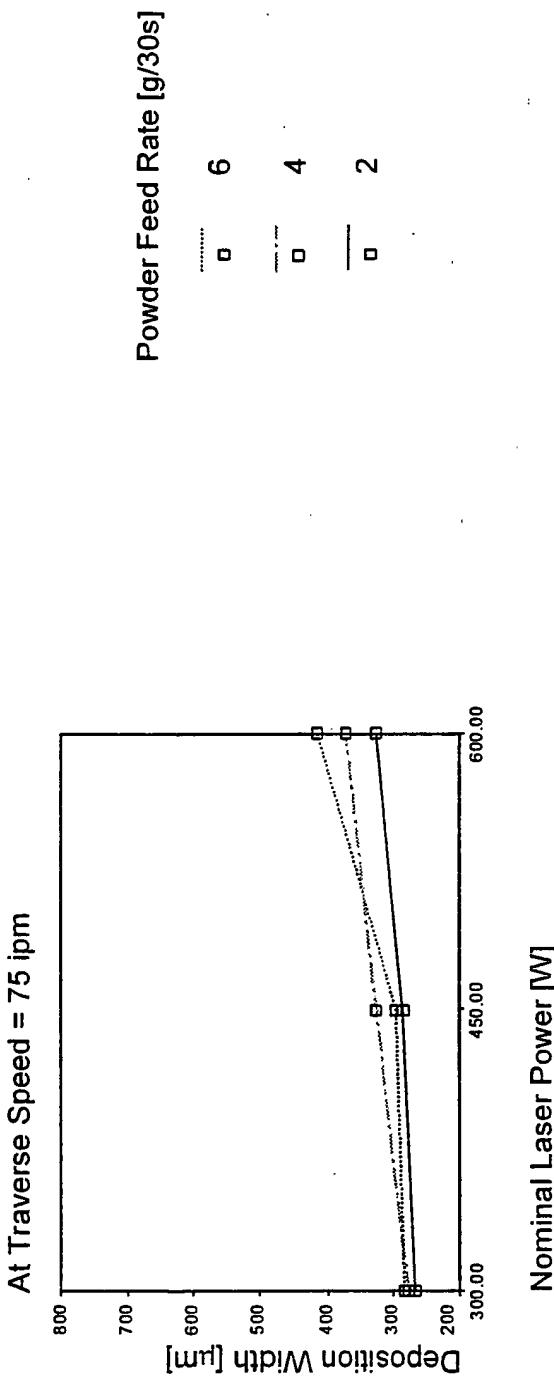
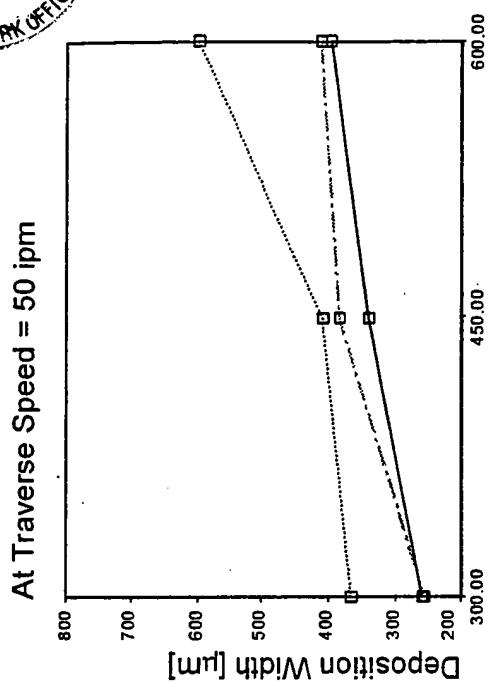
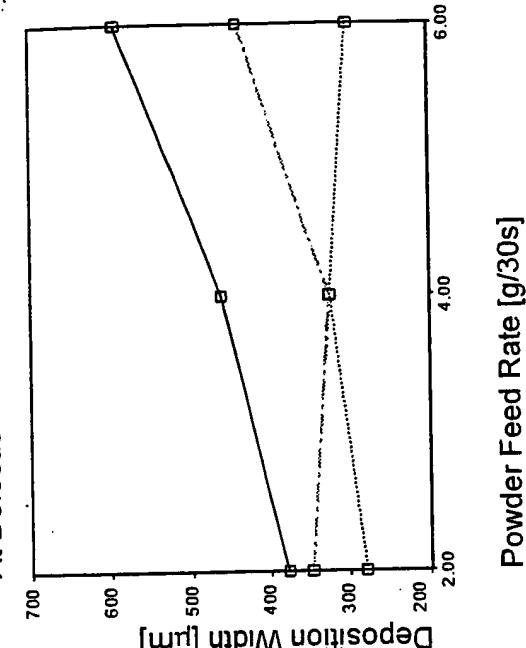


FIGURE 7

U.S. TRADEMARK OFFICE
MAR 29 2006

At Defocus = 20/1000"

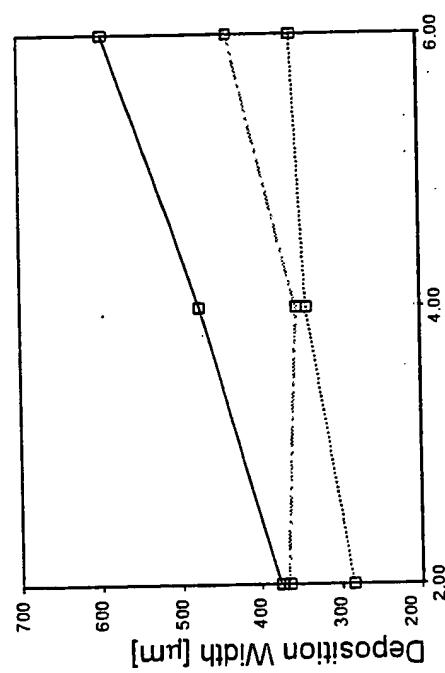


Powder Feed Rate [g/30s]

Traverse Speed [ipm]

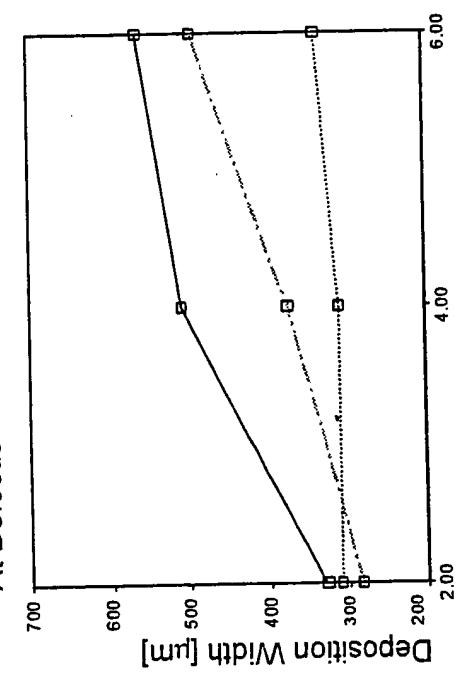
75
50
25

At Defocus = 10/1000"



Powder Feed Rate [g/30s]

At Defocus = 30/1000"



Powder Feed Rate [g/30s]

FIGURE 8

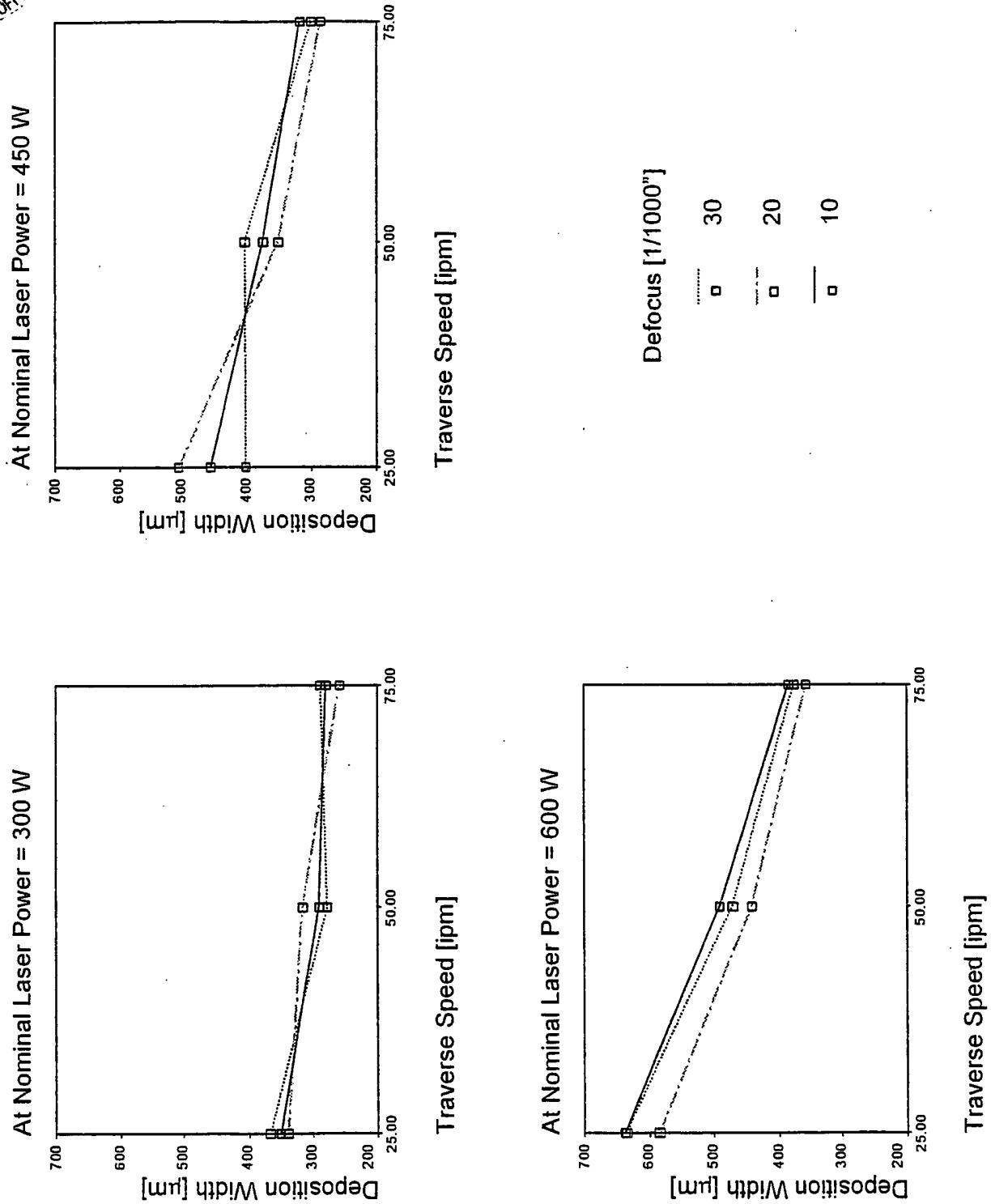
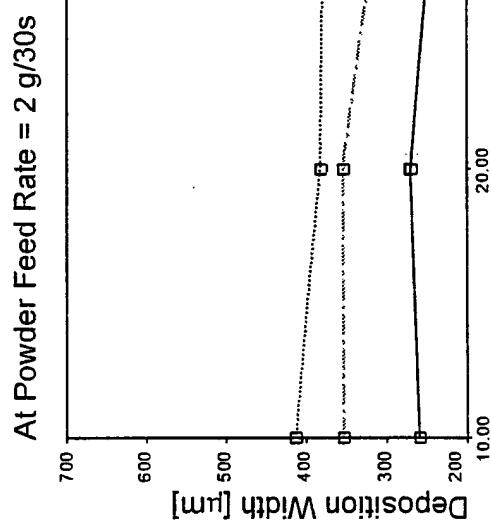
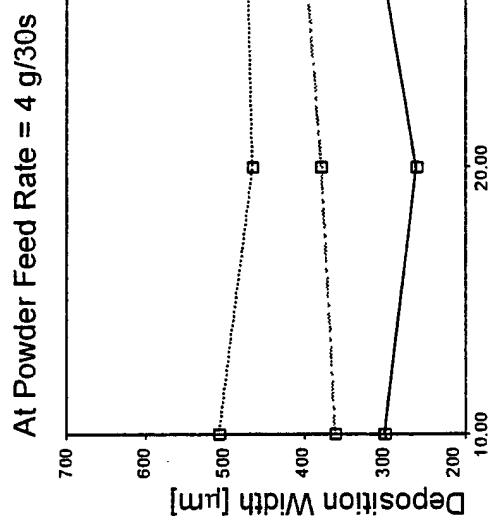


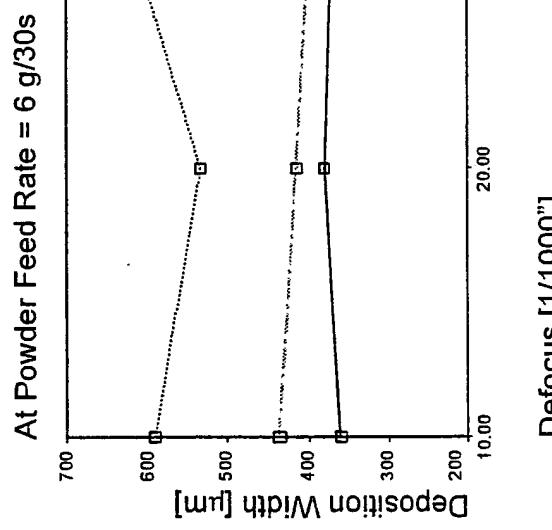
FIGURE 9



Defocus [1/1000"]



Defocus [1/1000"]



Defocus [1/1000"]

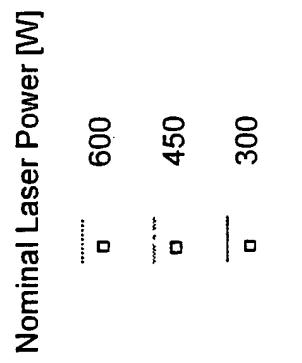
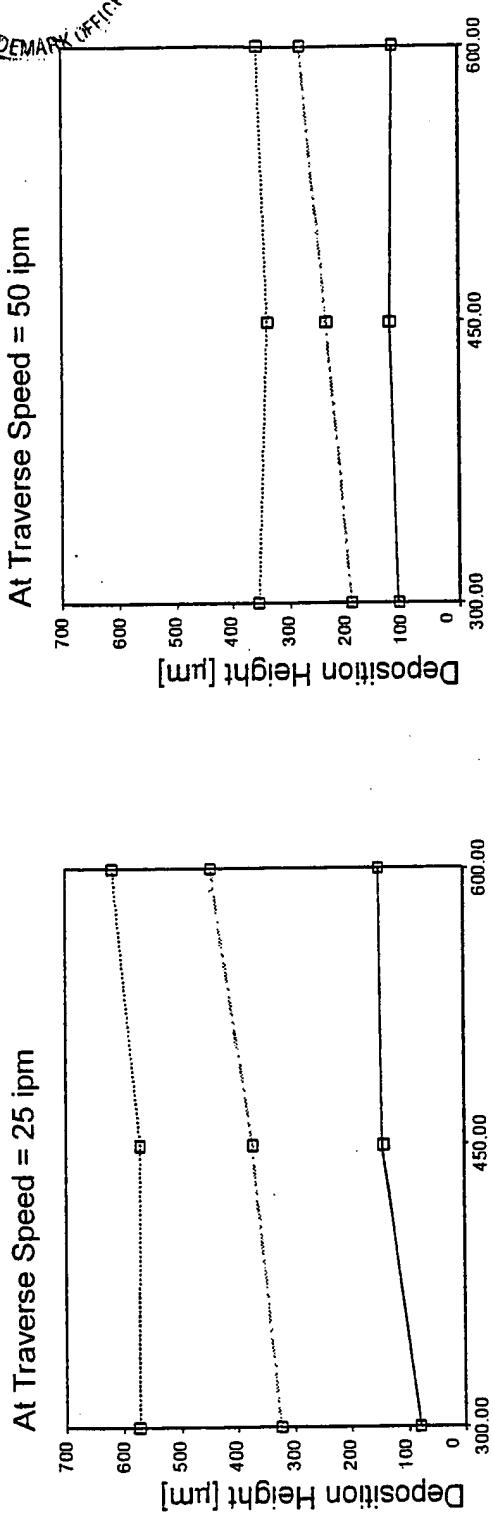


FIGURE 10

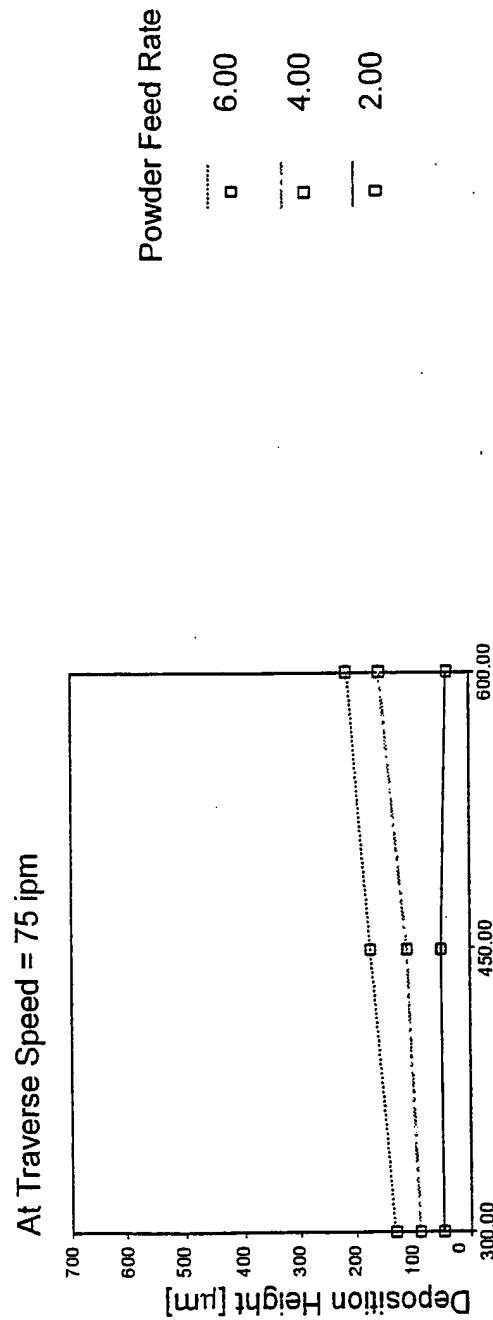
U.S. PATENTS & TRADEMARKS
MAR 29 2004
JC8



At Traverse Speed = 50 ipm

Deposition Height [μm]

Nominal Laser Power [W]



At Traverse Speed = 75 ipm

Deposition Height [μm]

Nominal Laser Power [W]

FIGURE 11

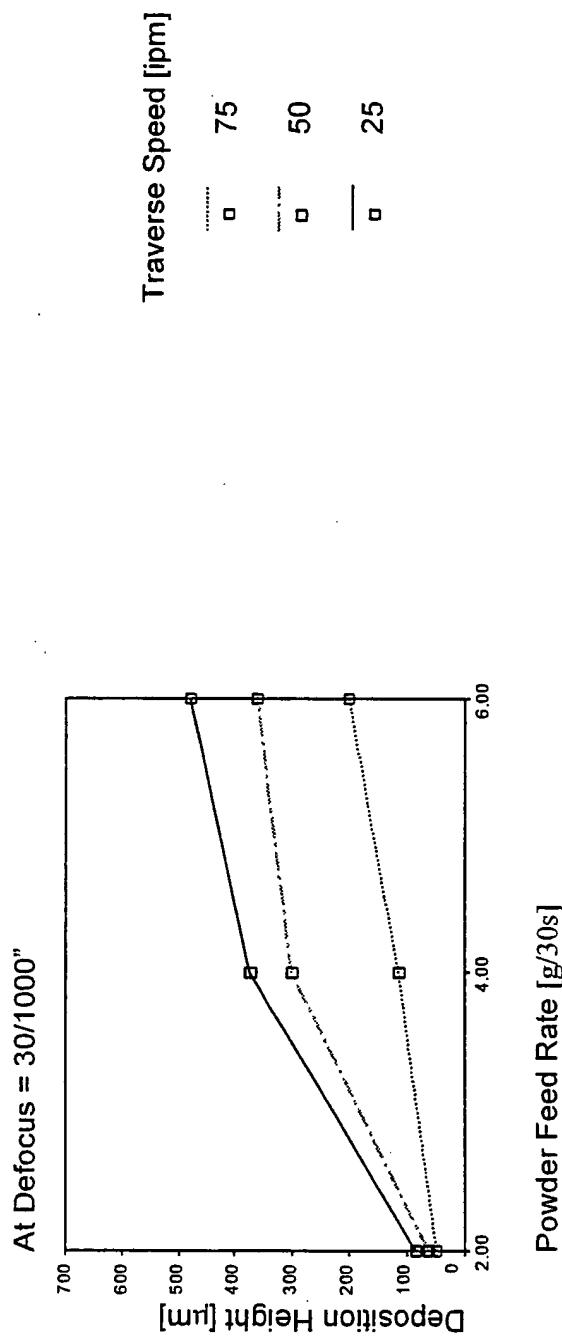
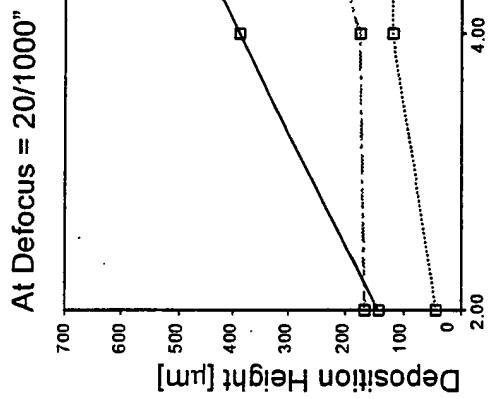
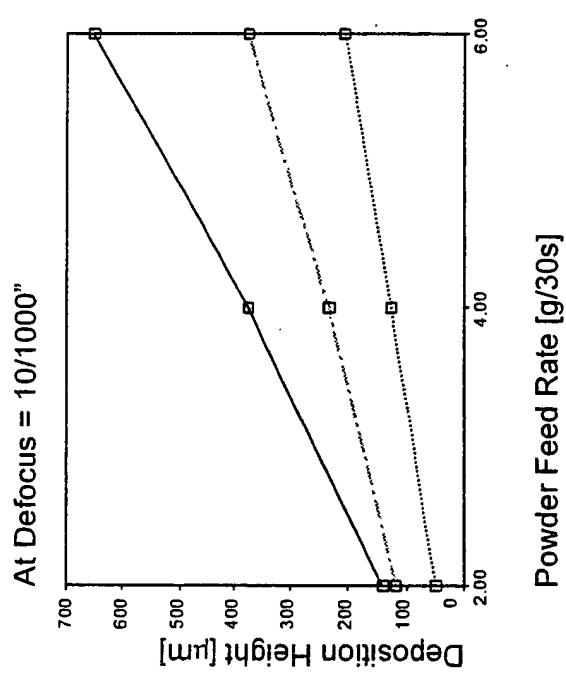
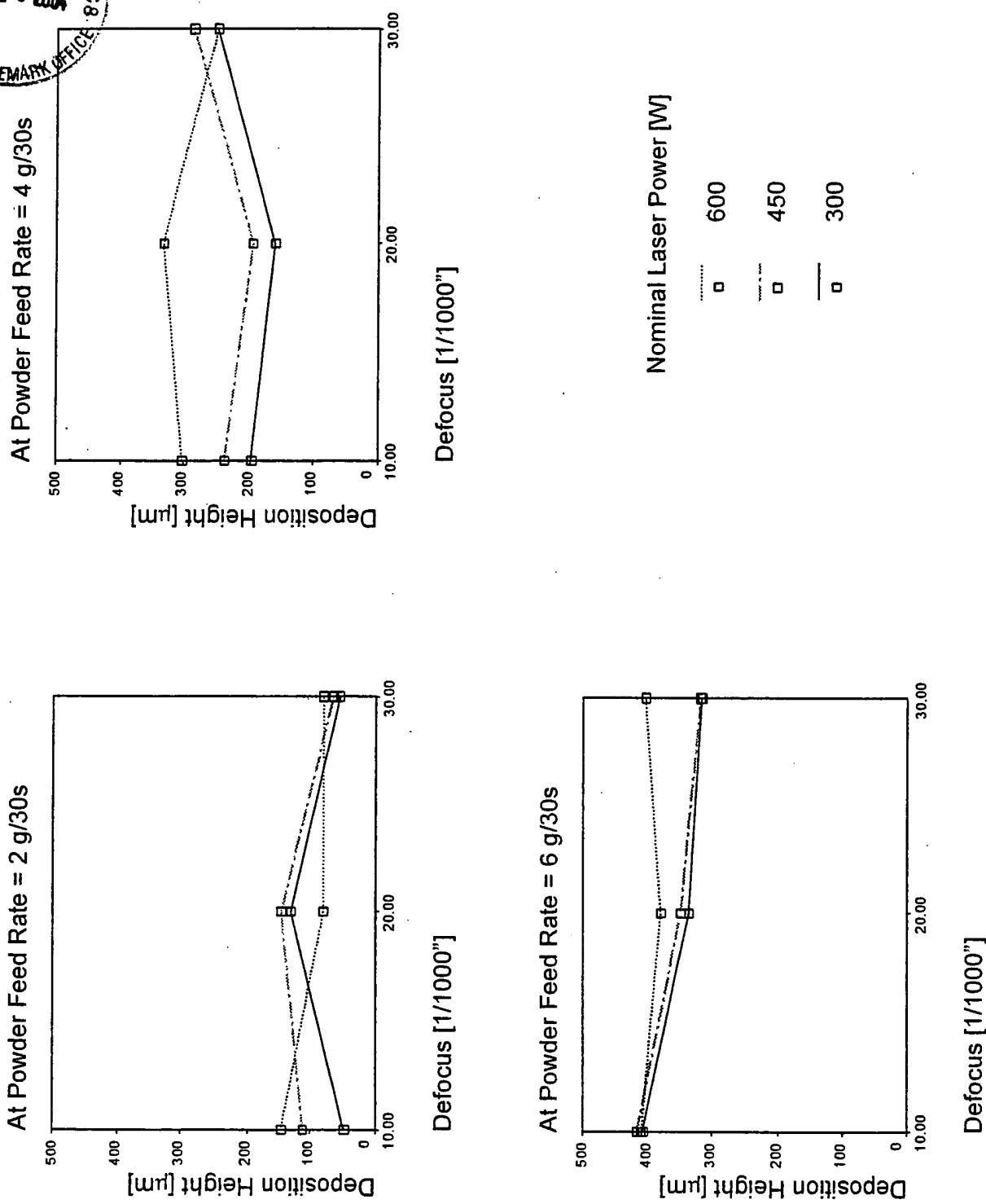


FIGURE 12

FIGURE 13



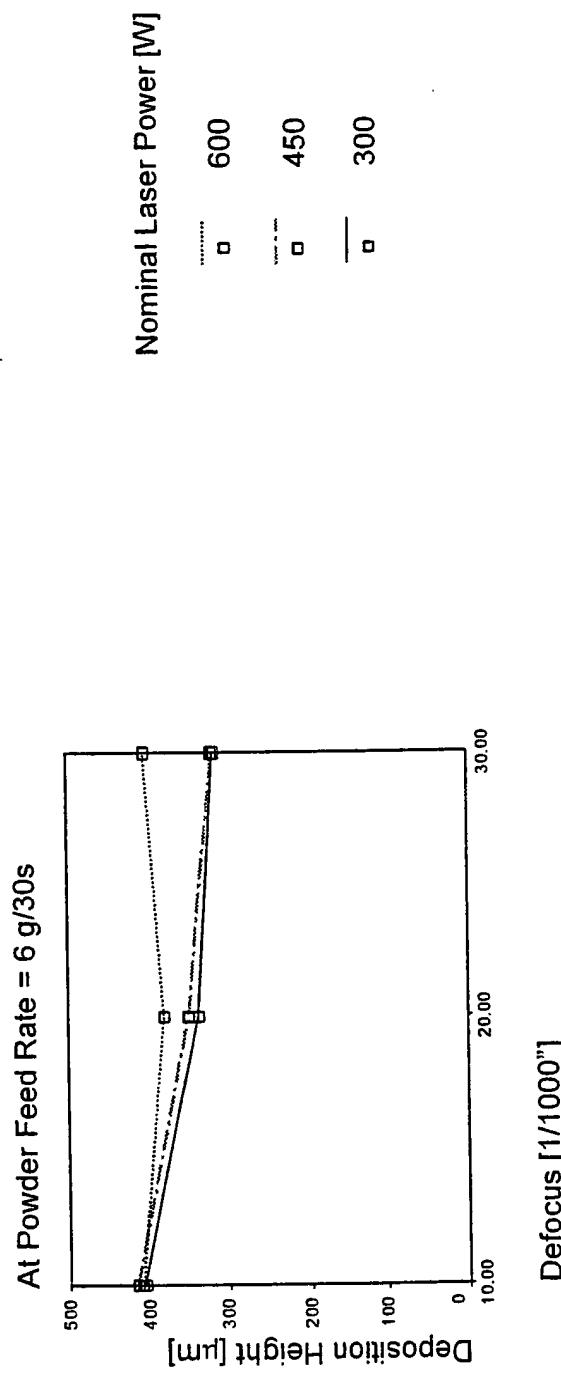
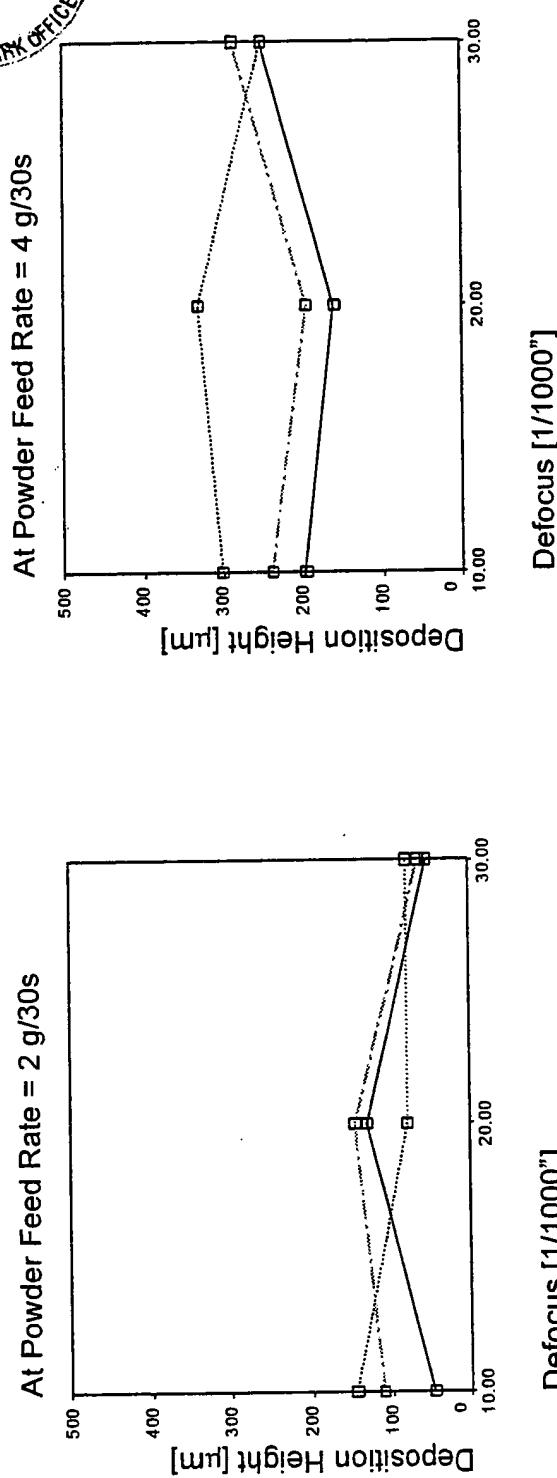
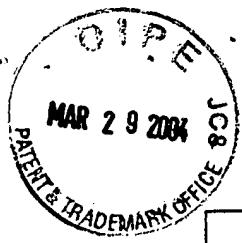


FIGURE 14